

Student: _____ **Date of Birth:** _____ **SAIS Number:** _____

FORM 2-T TECHNOLOGY

STANDARDS STATUS REPORT

FUNCTIONAL, READINESS, AND FOUNDATIONS LEVELS

SCORING: Use the Analytic Scoring Tool (AST) to determine the score for each essential skill the student demonstrates. Circle the score obtained in the appropriate column using the designated color for that review date. Items in parentheses are examples to help you frame your professional judgment. Examples are not exhaustive. Scoring is based on the listed examples or other similar tasks noted in the comments section. Teachers should feel free to add any comments to clarify student skills; e.g., how student performs task by drawing, printing, using computer, Braille, or printed word.

TECHNOLOGY STANDARDS AND PERFORMANCE OBJECTIVES

STANDARD 1: FUNDAMENTAL OPERATIONS AND CONCEPTS

Students understand the operations and function of technology systems and are proficient in the use of technology.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 1: FUNDAMENTAL OPERATIONS AND CONCEPTS		Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)			See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
1T-R1. Communicate about basic technology components using developmentally appropriate and accurate terminology.						
PO 1.	Use basic vocabulary related to the use of technology (e.g., mouse, keyboard, monitor, toolbar, menu, window, folder, icon, spreadsheet, word processor, cassette player, CD player versus DVD versus videotape, video camera).		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11
PO 2.	Identify the components of a computer (e.g., mouse, keyboard, monitor, CPU, printer).		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11

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STANDARD 1: FUNDAMENTAL OPERATIONS AND CONCEPTS		Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)			See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
1T-R2. Use input devices and output devices successfully to operate computers, VCRs, audiotapes, and other technologies.						
PO 1. Demonstrate start up and shut down procedures of basic technology components (e.g., computers, tape recorders, cassette players, and VCRs).			P B R	P B R	P B R	P B R
			1 1 1	4 4 4	7 7 7	11 11 11
			2 2 2	5 5 5	8 8 8	
			3 3 3	6 6 6	9 9 9	
PO 2. Use devices to complete a task (e.g., mouse, keyboard, printer, remote control, and microphone).					10 10 10	
			P B R	P B R	P B R	P B R
			1 1 1	4 4 4	7 7 7	11 11 11
			2 2 2	5 5 5	8 8 8	
			3 3 3	6 6 6	9 9 9	
					10 10 10	

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STANDARD 1: FUNDAMENTAL OPERATIONS AND CONCEPTS		Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)			See AST Definition	See AST Definition	See AST Definition	See AST Definition
1T-F1. Communicate about internal technology operations using developmentally appropriate and accurate terminology.						
PO 1.	Apply basic vocabulary related to the internal operations of the technology (e.g., disks, drives, RAM, ROM, CD-ROM port, CD-ROM, and DVD).					
1T-F2. Demonstrate the functional operation of technology components.						
PO 1.	Demonstrate the correct ergonomic use of technology (e.g., correct posture, position of hands and feet, proper height of keyboard, proper lifting and moving of equipment).					
PO 2.	Use multimedia resources (e.g., interactive books, educational software, and elementary multimedia encyclopedias).					
PO 3.	Access information sources (e.g., CD-ROMs, encyclopedias, pre-bookmarked Internet sites).					
PO 4.	Communicate electronically, under teacher supervision (e.g., video, audio, email).					

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STANDARD 1: FUNDAMENTAL OPERATIONS AND CONCEPTS		Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)			See AST Definition	See AST Definition	See AST Definition	See AST Definition
1T-F3. Use developmentally appropriate technology resources to access information and communicate electronically.						
PO 1.	Operate keyboard and other common input and output devices (including adaptive devices for special needs when necessary). A. Use device in response to software (e.g., point and click, arrow, and enter/return keys). B. Use keyboard effectively (e.g., knows locations and function of keys, begins touch-typing strategies by grade three).					
PO 2.	Retrieve and save information (e.g., text documents, digital photos, music, and video).					
PO 3.	Print documents, text, or image.					

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STANDARD 2: SOCIAL, ETHICAL, AND HUMAN ISSUES

Students understand the social, ethical, and human issues related to using technology in their daily lives and demonstrate responsible use of technology systems, information, and software.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 2: SOCIAL, ETHICAL, AND HUMAN ISSUES	Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)		See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
2T-R1. Work cooperatively and collaboratively when using technology in the classroom.					
PO 1. Demonstrate respect for other students while using technology (e.g., take turns, share resources).		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11
PO 2. Demonstrate appropriate behavior (e.g., use only your documents and folders).		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11
2T-R2. Practice responsible use of technological devices.					
PO 1. Operate equipment to ensure equipment is unharmed (e.g., do not bang on keys; no food or objects near equipment; care for disks and CD-ROM; use proper shut down procedures).		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11
PO 2. Recognize that damaging school equipment is destroying public property.		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11
PO 3. Recognize that changing someone's work without permission is unacceptable.		P B R 1 1 1 2 2 2 3 3 3	P B R 4 4 4 5 5 5 6 6 6	P B R 7 7 7 8 8 8 9 9 9 10 10 10	P B R 11 11 11

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STANDARD 2: SOCIAL, ETHICAL, AND HUMAN ISSUES	Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)		See AST Definition	See AST Definition	See AST Definition	See AST Definition
2T-F1. Demonstrate respect for other students while using technology.					
PO 1. Describe and practice respect for other students while using technology (e.g., do not duplicate software or documents without authorization; report behaviors that threaten the ability of others to legitimately use resources; allow peers to work uninterrupted; do not erase or damage files, documents, or projects).					
2T-F2. Practice responsible use of software.					
PO 1. Use equipment appropriately (e.g., use for assignments and schoolwork versus personal pleasure; do not send threats).					
PO 2. Describe and practice legal and ethical behaviors when using technology (e.g., do not copy, alter, delete, or move another person's work).					
PO 3. Demonstrate and practice safe and correct security procedures (e.g., protect password).					
2T-F3. Discuss common uses of technology in daily life and the advantages and disadvantages those uses provide.					
PO 1. Describe three to five uses of technology in daily life.					
PO 2. Discuss the positive and negative impact of technologies such as television and computers on daily life (e.g., negative health impact; safe Internet use, such as knowing what information is safe to share when using email, "talking" to strangers).					

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STANDARD 3: TECHNOLOGY PRODUCTIVITY TOOLS

Students use technology tools to enhance learning, to increase productivity and creativity, and to construct technology-enhanced models, prepare publications, and produce other creative works.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 3: TECHNOLOGY PRODUCTIVITY TOOLS		Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)			See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
3T-R1. Use technology drawing tools for communicating and illustrating.						
PO 1. Using a drawing program, create a picture story with support from teacher, family members, or student partners.			P	P	P	P
			B	B	B	B
			R	R	R	R
			1	4	7	11
PO 2. Using a drawing program, add name and letters to illustration.			2	5	8	
			3	6	9	
			10			
			11			

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STANDARD 3: TECHNOLOGY PRODUCTIVITY TOOLS	Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)		See AST Definition	See AST Definition	See AST Definition	See AST Definition
3T-F1. Use prescribed technology writing or drawing tools for communicating and illustrating.					
PO 1. Use word processing to create a document and, where developmentally appropriate, use editing tools.					
PO 2. Insert a graphic into a word processing document.					
3T-F2. Use prescribed technology tools for data collection and basic analysis.					
PO 1. Use a spreadsheet or database application to perform simple data analysis (e.g., comparisons, collections, graphs, and charts).					
3T-F3. Use prescribed technology tools for publishing and presenting information.					
PO 1. Use a pre-designed template or stationery to publish a document (e.g., newsletter, slide show, greeting card, certificate).					
PO 2. Create a multimedia product with support from teachers, family, or student partners (e.g., slide show, hyperstack, video).					

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STANDARD 4: TECHNOLOGY COMMUNICATION TOOLS

Building on productivity tools, students will collaborate, publish, and interact with peers, experts, and other audiences using telecommunications and media.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 4: TECHNOLOGY COMMUNICATION TOOLS	Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)		See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
No concepts identified for this level.					

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STANDARD 4: TECHNOLOGY COMMUNICATION TOOLS	Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)		See AST Definition	See AST Definition	See AST Definition	See AST Definition
4T-F1. Communicate with others using telecommunications, with support from teachers, family members, or student partners.					
PO 1. Communicate information electronically with support from teachers, family members, or student partners (e.g., email, video conferencing, web page).					
4T-F2. Use technology tools for individual and collaborative communication activities to share products with audiences inside and outside the classroom.					
PO 1. Plan, design, and present an academic product to the classroom or community (e.g., slide show, progressive story, drawings, story illustrations, video production, digital images).					

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Note: The performance objectives described in Standard 5 rely upon the mastery of skills and understanding of concepts from Standards 1-4 of this document.

STANDARD 5: TECHNOLOGY RESEARCH TOOLS

Students will utilize technology-based research tools to locate and collect information pertinent to the task as well as evaluate and analyze information from a variety of sources.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 5: TECHNOLOGY RESEARCH TOOLS	Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)		See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
No concept identified for this level.					

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STANDARD 5: TECHNOLOGY RESEARCH TOOLS		Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)			See AST Definition	See AST Definition	See AST Definition	See AST Definition
5T-F1. Recognize electronic information sources.						
PO 1.	Identify potential sources of information about a topic (e.g., video or cassette tapes, web pages, CD-ROMs).					
PO 2.	Locate information in a resource selected by the teacher (e.g., web page, CD-ROM).					

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Note: Problem-solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.

STANDARD 6: TECHNOLOGY AS A TOOL FOR PROBLEM-SOLVING AND DECISION-MAKING

Students use technology to make and support decisions in the process of solving real-world problems.

READINESS (Kindergarten)

Students know and are able to do the following:

STANDARD 6: TECHNOLOGY AS A TOOL FOR PROBLEM-SOLVING AND DECISION-MAKING	Comments	Emergent	Supported	Functional	Independent
READINESS (Kindergarten)		See AST Score 1-3	See AST Score 4-6	See AST Score 7-10	See AST Score 11
No concepts identified for this level.					

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STANDARD 6: TECHNOLOGY AS A TOOL FOR PROBLEM-SOLVING AND DECISION-MAKING	Comments	Emergent	Supported	Functional	Independent
FOUNDATIONS (Grades 1-3)		See AST Definition	See AST Definition	See AST Definition	See AST Definition
6T-F1. Use technology resources for problem solving, self-directed learning, and extended learning activities.					
PO 1. Based on a class-defined problem, use technology to: A. collect data. B. interpret data. C. express a solution to the problem.					
PO 2. Based on a problem selected by the student, use technology to: A. collect data. B. interpret data. C. express a solution to the problem.					